

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("0154962").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/10/08 08:40
L2	0	"each pixel" near5 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:44
L3	92	"every pixel" near5 lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:44
L4	1	"5451766".pn. and polymer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 10:57
S1	5	((("5097352") or ("6288767") or ("5047847") or ("5150234") or ("5052791")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 15:35
S2	0	S1 and (phone or telephone or mobile)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:29
S3	0	S1 and diffractive	US-PGPUB; USPAT	AND	ON	2007/08/20 15:35
S4	0	S1 and diffraction	US-PGPUB; USPAT	AND	ON	2007/08/20 15:38
S5	1	(endoscope same telephone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S6	1	(endoscope same phone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S7	5	(endoscope same mobile).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S8	1	(endoscope same telephone).ab.	US-PGPUB; USPAT	AND	ON	2007/08/20 15:40
S9	145	(endoscope same telephone)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:41
S10	7	S9 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45

## EAST Search History (Prior Art)

S11	689	varifocal	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45
S12	395	S11 and camera	US-PGPUB; USPAT	AND	ON	2007/08/20 15:45
S13	232	S12 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 15:46
S14	9	S13 and (phone or telephone or mobile)	US-PGPUB; USPAT	AND	ON	2007/08/20 15:46
S15	7	(US-6288767-\$ or US-5150234-\$ or US-5097352-\$ or US-5052791-\$ or US-5047847-\$ or US-6469683-\$ or US-4943860-\$).did.	USPAT	AND	ON	2007/08/20 15:54
S16	5	S15 and camera	USPAT	AND	ON	2007/08/20 16:13
S17	6	(variable same optical same (telephone or phone or mobile)).ab.	USPAT	AND	ON	2007/08/20 16:16
S18	174	(348/211.2).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:16
S19	35	S18 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:24
S20	9	S19 and zoom	US-PGPUB; USPAT	AND	ON	2007/08/20 16:31
S21	3012	(455/556.1,557).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:31
S22	313	S21 and lens	US-PGPUB; USPAT	AND	ON	2007/08/20 16:31
S23	8	S22 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:45
S24	1	S23 and (diffractive or diffraction)	US-PGPUB; USPAT	AND	ON	2007/08/20 16:46
S25	1	("5889567").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:48
S26	1	S25 and (diffractive or diffraction)	US-PGPUB; USPAT	AND	ON	2007/08/20 16:48
S27	0	S25 and (diffractive or diffraction) and camera	US-PGPUB; USPAT	AND	ON	2007/08/20 16:49
S28	106287	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2007/08/20 16:49
S29	456	S28 and camera and (diffractive or diffraction) and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:49
S30	103	S28 and camera and ((diffractive or diffraction) same "optical system") and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:52
S31	45	S28 and camera and ((diffractive or diffraction) same "optical element") and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:53

## EAST Search History (Prior Art)

S32	30	S28 and camera and ((diffractive or diffraction) with "optical element") and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S33	4129	"diffractive optical element"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S34	404	S33 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/20 16:56
S35	115	S34 and (camera or imager or "imaging device")	US-PGPUB; USPAT	AND	ON	2007/08/20 16:57
S36	101	S35 not S32	US-PGPUB; USPAT	AND	ON	2007/08/21 08:44
S37	1	("5825408").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 08:44
S38	1	S37 and zoom	US-PGPUB; USPAT	AND	ON	2007/08/21 09:24
S39	1	("5052791").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 09:24
S40	1	S39 and camera	US-PGPUB; USPAT	AND	ON	2007/08/21 11:14
S41	0	S37 and viewfinder	US-PGPUB; USPAT	AND	ON	2007/08/21 11:14
S42	0	S37 and preview	US-PGPUB; USPAT	AND	ON	2007/08/21 12:56
S43	529	(348/340).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:56
S44	0	("I7and@ad< 199705610").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:57
S45	527	S43 and @ad< "199705610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
S46	100	S43 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
S47	293	348/342	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
S48	70	S47 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58
S49	361	348/347	US-PGPUB; USPAT	AND	ON	2007/08/21 12:57
S50	192	(348/342).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:58
S51	85	S50 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58
S52	202	(348/347).CCL.S.	US-PGPUB; USPAT	OR	OFF	2007/08/21 12:58
S53	117	S52 and @ad< "19970610"	US-PGPUB; USPAT	AND	ON	2007/08/21 12:58

## EAST Search History (Prior Art)

S54	1	"20040179148".pn. and polariz\$4	US-PGPUB; USPAT	AND	ON	2008/10/27 11:39
S55	0	"20040179148".pn. and (magnify\$4 of magnification)	US-PGPUB; USPAT	AND	ON	2008/10/27 11:41
S56	0	"20040179148".pn. and (variable adj focal)	US-PGPUB; USPAT	AND	ON	2008/10/27 11:42
S57	0	"20040179148".pn. and (variable\$4focal)	US-PGPUB; USPAT	AND	ON	2008/10/27 11:42
S58	1	"20040179148".pn. and (focal adj length)	US-PGPUB; USPAT	AND	ON	2008/10/27 11:42
S59	2561	(variable adj focal adj length)	US-PGPUB; USPAT	AND	ON	2008/10/27 12:17
S60	1	(variable adj focal adj length adj characteristic)	US-PGPUB; USPAT	AND	ON	2008/10/27 12:17
S61	497	(variable adj focal adj length) with (zoom adj lens)	US-PGPUB; USPAT	AND	ON	2008/10/27 12:20
S62	20	(variable adj focal adj length) with (zoom adj lens) same (property or characteristic)	US-PGPUB; USPAT	AND	ON	2008/10/27 12:20
S63	3	S62 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2008/10/27 12:20
S64	1	"5134432".pn. and (zoom adj lens)	US-PGPUB; USPAT	AND	ON	2008/10/27 12:22
S65	5023	diffraction adj optical adj element	US-PGPUB; USPAT	AND	ON	2008/10/27 13:56
S66	122306	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/10/27 13:56
S67	226	S65 and S66	US-PGPUB; USPAT	AND	ON	2008/10/27 13:56
S68	27	S67 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2008/10/27 13:56
S69	1	"5920418".pn. and diffraction	US-PGPUB; USPAT	AND	ON	2008/10/27 14:00
S70	1	"5739800".pn. and diffraction	US-PGPUB; USPAT	AND	ON	2008/10/27 15:34
S71	0	"5739800".pn. and viewfinder	US-PGPUB; USPAT	AND	ON	2008/10/27 15:37
S72	1	"5739800".pn. and display	US-PGPUB; USPAT	AND	ON	2008/10/27 15:37
S73	0	diffraction with (chromatic adj aberration)	US-PGPUB; USPAT	AND	ON	2008/10/27 15:40
S74	0	diffraction with (chromatic adj aberration)	US-PGPUB; USPAT	AND	ON	2008/10/27 15:40
S75	1018	diffraction with (chromatic adj aberration)	US-PGPUB; USPAT	AND	ON	2008/10/27 15:40
S76	46	S66 and S75	US-PGPUB; USPAT	AND	ON	2008/10/27 15:41

## EAST Search History (Prior Art)

S77	6	S76 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2008/10/27 15:41
S78	118	S75 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2008/10/27 15:42
S79	0	"6157488".pn. and polariz\$4	US-PGPUB; USPAT	AND	ON	2008/10/27 15:45
S80	4	("4426130"   "4729640"   "5048925"   "5175647").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/27 15:53
S81	0	"782558".pn. and camera	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/27 15:56
S82	0	"4729640".pn. and camera	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/27 15:57
S83	740	(diffractive adj optical adj element).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/27 15:57
S84	49	S83 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2008/10/27 15:58
S85	5	((("5097352") or ("6288767") or ("5047847") or ("5150234") or ("5052791"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/10/27 16:06
S86	0	S85 and diffraction	US-PGPUB; USPAT	AND	ON	2008/10/27 16:06
S87	0	"5745289".pn. and S86	US-PGPUB; USPAT	AND	ON	2008/10/27 16:06
S88	1	"5745289".pn. and "s4"	US-PGPUB; USPAT	AND	ON	2008/10/27 16:06
S89	1	"5745289".pn. and camera	US-PGPUB; USPAT	AND	ON	2008/10/27 16:20
S90	1	("20050174439").PN.	US-PGPUB; USPAT	OR	OFF	2008/10/28 11:57
S91	3	("20010008449" "5801773" "7038724").PN.	US-PGPUB; USPAT	AND	ON	2008/10/28 12:01
S92	529	(focal length) with (chang\$4 or var\$5 or alter\$4) with liquid crystal	US-PGPUB; USPAT	AND	ON	2009/03/05 16:14
S93	463	(focal length) with (chang\$4 or var\$5 or alter\$4) with (liquid adj crystal)	US-PGPUB; USPAT	AND	ON	2009/03/05 16:14
S94	95	S93 and @ad<"19970610"	US-PGPUB; USPAT	AND	ON	2009/03/05 16:14
S95	3	("4190330"   "4679911"   "5071229").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 16:16

## EAST Search History (Prior Art)

S96	1	"5071229".pn. and (polarizing adj plate)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 16:19
S97	25	("5071229").URPN.	USPAT	AND	ON	2009/03/05 16:27
S98	25	("5071229").URPN.	USPAT	AND	ON	2009/03/05 16:27
S99	6	("3890628"   "4037929"   "4190330"   "4601545"   "4919520"   "4927241").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 16:28
S10 0	1	"4919520".pn. and (camera or imaging or polariz\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 16:48
S10 1	1	"4601545".pn. and (camera or imaging or polariz\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 16:51
S10 2	1	"4601545".pn. and (charge adj coup\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 17:00
S10 3	1	"4601545".pn. and (sensor or image)	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 17:03
S10 4	1	"4190330".pn. and polariz\$4	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/05 17:10
S10 5	0	"20020179148".pn. and nematic	US-PGPUB; USPAT; USOCR	AND	ON	2009/03/07 11:57
S10 6	0	"20040179148".pn. and (principle)	US-PGPUB; USPAT	AND	ON	2009/10/01 08:55
S10 7	1	"20040179148".pn. and (principal)	US-PGPUB; USPAT	AND	ON	2009/10/01 08:55
S10 8	0	"4190330".pn. and (principal)	US-PGPUB; USPAT	AND	ON	2009/10/01 08:57
S10 9	31	(US-6288767-\$ or US-5150234-\$ or US-5097352-\$ or US-5052791-\$ or US-5047847-\$ or US-6469683-\$ or US-4943860-\$ or US-6630949-\$ or US-5999210-\$ or US-6747692-\$ or US-5479206-\$ or US-6073034-\$ or US-5893037-\$ or US-5825408-\$ or US-6404553-\$ or US-6157488-\$ or US-6072959-\$ or US-6067196-\$ or US-4810071-\$ or US-5134432-\$ or US-5920418-\$ or US-5831699-\$ or US-5739800-\$ or US-4729640-\$ or US-5847877-\$ or US-5801889-\$).did. or (US-5745289-\$ or US-5071229-\$ or US-4919520-\$ or US-4601545-\$ or US-4190330-\$).did.	USPAT	ADJ	ON	2010/03/16 14:02

## EAST Search History (Prior Art)

S110	1	S109 and ((polymer adj dispers\$4) or polymerdispers\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:02
S111	1	("5708522").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/16 14:04
S112	11	(lens or optical) same (polymer\$dispersive or (polymer adj dispersive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:10
S113	22	(polymer\$dispersive or (polymer adj dispersive)) near3 (liquid adj crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:12
S114	9	S113 and @ad<"19970110"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:12
S115	1	"5708522".pn. and plcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:26
S116	9	S109 and (twist\$4 near3 nematic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/16 14:29
S117	1	("20080036886").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/17 17:22
S118	1	S117 and steganographic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/03/17 17:22
S119	1	("4190330").PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 10:19
S120	115	("4190330").URPN.	USPAT	ADJ	ON	2010/10/07 10:19

## EAST Search History (Prior Art)

S12 1	31	S120 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 10:20
S12 2	1	"5150234".pn. and polarizing plate	USPAT	ADJ	ON	2010/10/07 10:29
S12 3	1	"5097352".pn. and polarizing plate	USPAT	ADJ	ON	2010/10/07 10:38
S12 4	1	"5069813".pn. and (focal or focus)	USPAT	ADJ	ON	2010/10/07 10:43
S12 5	1	"4927241".pn. and polariz\$4	USPAT	ADJ	ON	2010/10/07 10:48
S12 6	1	"4904063".pn. and polariz\$4	USPAT	ADJ	ON	2010/10/07 10:49
S12 7	10	("4037929"   "4190330"   "4208115"   "4279474"   "4300818"   "4373218"   "4576441"   "4601545"   "4670095"   "4795248").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 10:52
S12 8	0	"4601545".pn. and polariz\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 10:53
S12 9	0	"4601545".pn. and polariz\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 10:53
S13 0	1	"4601545".pn. and camera	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 12:13
S13 1	1	S130 and (focus\$4 or focal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 12:16
S13 2	1	("4373218").PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 12:17
S13 3	125	("4601545").URPN.	USPAT	ADJ	ON	2010/10/07 12:17
S13 4	39	S133 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 12:18
S13 5	9	S134 and camera	USPAT	ADJ	ON	2010/10/07 12:22
S13 6	1	"5203788".pn. and liquid	USPAT	ADJ	ON	2010/10/07 12:25
S13 7	3	((("4787903") or ("4601545") or ("4373218"))).PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 12:26
S13 8	1	S137 and camera	USPAT	ADJ	ON	2010/10/07 12:26
S13 9	2	S137 not S138	USPAT	ADJ	ON	2010/10/07 12:27
S14 0	1	"5066301".pn. and liquid	USPAT	ADJ	ON	2010/10/07 12:30



## EAST Search History (Prior Art)

S14 1	1	"4679911".pn. and (focus\$4 or focal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 12:33
S14 2	1	"4564267".pn. and plate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 12:39
S14 3	1	("4466703").PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 12:48
S14 4	0	"4466703.pn" and polariz\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 12:49
S14 5	44	("4466703").URPN.	USPAT	ADJ	ON	2010/10/07 12:50
S14 6	14	S145 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 12:50
S14 7	1	S146 and (camera)	USPAT	ADJ	ON	2010/10/07 12:50
S14 8	66	(liquid crystal same variable power)	USPAT	ADJ	ON	2010/10/07 12:51
S14 9	31	S148 and camera	USPAT	ADJ	ON	2010/10/07 12:51
S15 0	13	S149 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 12:51
S15 1	262	(liquid crystal same variable (focus\$4 or focal))	USPAT	ADJ	ON	2010/10/07 12:56
S15 2	144	S151 and camera	USPAT	ADJ	ON	2010/10/07 12:56
S15 3	24	S152 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 12:56
S15 4	1	"5638203".pn. and polariz\$4	USPAT	ADJ	ON	2010/10/07 13:05
S15 5	1	"5638203".pn. and lens	USPAT	ADJ	ON	2010/10/07 13:14
S15 6	4	((("4441791") or ("4592628") or ("4572616") or ("4601545")).PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 13:42
S15 7	1	S156 and camera	USPAT	ADJ	ON	2010/10/07 13:43
S15 8	6	("3876287"   "3881808"   "3955208"   "4037929"   "4066334"   "4066335").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 13:47
S15 9	6	S158 and liquid	USPAT	ADJ	ON	2010/10/07 13:47
S16 0	6	S159 and (polariz\$4 or polarization)	USPAT	ADJ	ON	2010/10/07 13:48

## EAST Search History (Prior Art)

S16 1	2	S159 and (polariz\$4 or polarization) and camera	USPAT	ADJ	ON	2010/10/07 13:48
S16 2	4	S160 not S161	USPAT	ADJ	ON	2010/10/07 13:49
S16 3	388	liquid crystal lens	USPAT	ADJ	ON	2010/10/07 15:27
S16 4	98	S163 and @ad<"19970610"	USPAT	ADJ	ON	2010/10/07 15:28
S16 5	1	"6469683".pn. and camera	USPAT	ADJ	ON	2010/10/07 15:32
S16 6	1	"4572616".pn.	USPAT	ADJ	ON	2010/10/07 15:36
S16 7	31	S164 and camera	USPAT	ADJ	ON	2010/10/07 15:40
S16 8	1	"5406344".pn. and (focal or focus\$4 or zoom\$4)	USPAT	ADJ	ON	2010/10/07 15:51
S16 9	1	("4037929").PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 15:57
S17 0	3	("4407567"   "4444471"   "4784479").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/07 15:58
S17 1	1497	liquid crystal lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/07 16:00
S17 2	1109	S171 not S163	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/07 16:00
S17 3	0	S172 and @ad<"19970610"	USPAT	ADJ	ON	2010/10/07 16:01
S17 4	0	S172 and @pd<"19970610"	USPAT	ADJ	ON	2010/10/07 16:01
S17 5	0	S172 and camera	USPAT	ADJ	ON	2010/10/07 16:01
S17 6	333	S172 and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/07 16:01

## EAST Search History (Prior Art)

S17 7	0	S176 and @pd< "19970610"	USPAT	ADJ	ON	2010/10/07 16:02
S17 8	1767	without same ((polarizing or polarization) near2 plate)	USPAT	ADJ	ON	2010/10/07 16:19
S17 9	278	S178 and camera	USPAT	ADJ	ON	2010/10/07 16:19
S18 0	92	S179 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 16:19
S18 1	1	"5047847".pn. and polarizing	USPAT	ADJ	ON	2010/10/07 16:31
S18 2	9373	liquid crystal with lens	USPAT	ADJ	ON	2010/10/07 16:42
S18 3	5046	liquid crystal near5 lens	USPAT	ADJ	ON	2010/10/07 16:42
S18 4	1547	S183 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 16:42
S18 5	470	S184 and camera	USPAT	ADJ	ON	2010/10/07 16:43
S18 6	394	S185 and (focus\$4 or focal)	USPAT	ADJ	ON	2010/10/07 16:43
S18 7	1	("7209097").PN.	US-PGPUB; USPAT	OR	OFF	2010/10/07 16:51
S18 8	2338	(susumu near3 sato).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:53
S18 9	111	S188 and liquid crystal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:53
S19 0	3	S189 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 16:53
S19 1	1	"4904063".pn. and (polariz\$4 or polarization)	USPAT	ADJ	ON	2010/10/07 16:55
S19 2	1	"5825408".pn. and (focal or focus\$4)	USPAT	ADJ	ON	2010/10/07 17:18
S19 3	435	(convex or concave) lens with (zoom\$4)	USPAT	ADJ	ON	2010/10/07 17:25
S19 4	189	S193 and @ad< "19970610"	USPAT	ADJ	ON	2010/10/07 17:25
S19 5	0	"5451766".pn. and (polariz\$4 or polarization)	USPAT	ADJ	ON	2010/10/07 17:43

### EAST Search History (Prior Art)

S19 6	0	"5451766".pn. and zoom	USPAT	ADJ	ON	2010/10/07 17:50
S19 7	0	"5451766".pn. and zoom\$4	USPAT	ADJ	ON	2010/10/07 17:50

### EAST Search History (Interference)

		< This search history is empty >			
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